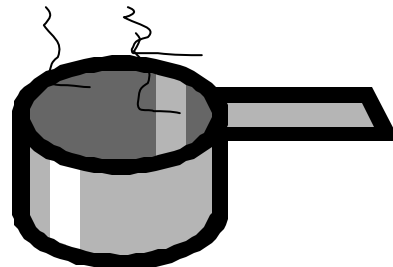


Name: _____

Steam Heat

In this lesson you will learn that a “watched pot” does boil, and teaches an important lesson about what makes the world’s weather go around.

You are hungry and you want soup *now*. How can you make a pot boil faster?



Watching Pots

Procedure:

Do this carefully. Do not take even the simple observation for granted.

1. Set up a ring stand securely so that you can put a 250 ml beaker on a ring and screen, over a Bunsen burner. The flame should be about 2 cm under the bottom of your beaker.
2. Set up a thermometer clamp, so that you can suspend a thermometer into the beaker *but not have it touch the sides of the beaker!*
3. Fill the beaker with 200 ml of water.
4. Wearing eye protection and apron, light the Bunsen burner according to the safety procedures demonstrated by your teacher.
5. Monitor the temperature of your water every 30 seconds for 10 minutes. And graph your results.

[illegible]

6. Explain the shape of your graph: _____
